Rooni,

Just to clarify the information below, The sediment transport code was not included on the hard drive that you sent 4/12/2013. The code that was used was transferred in January 2013 (CPG_ST_Model_12312012.tar.lzma with a file date of 1/2/2013). This code had clays saved as cohesive solids, and had to be modified to save clays as non-cohesive solids to be consistent with the results transferred 4/12/2013.

Regards,

James

-----Original Appointment-----
From: Garland, Edward
Sent: Tuesday, December 10, 2013 1:51 PM
To: Mathew, Rooni
Cc: Wands, James
Subject: Declined: Model codes & inputs
When: Tuesday, December 10, 2013 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: NY

Rooni,

I saw your meeting invitation for a call today to discuss model codes and I understand from James that the CPG is proposing to transfer to EPA the modeling files used to generate the trajectories that it has presented to EPA Headquarters. We are not available for a conference call but following is a list of what EPA needs:

Hydrodynamics and sediment transport (HST):
Confirm that the code, input, and outputs are the same as what you transferred to us on 4/12/2013
If what was used is different from what was transferred on 4/12/2013, send updated code, input and output

Linkage between HST and the carbon calculation – were any steps required to address Not-a-Numbers (NANS) and missing time records in outputs from 4/12/2013 version of HST output

Carbon calculation – our understanding is that the carbon simplification approach approved by EPA was not used in the generation of the trajectories presented to EPA. Provide code, input and output that was used in the generation of trajectories presented to EPA-HQ

Contaminant Fate and Transport (CF&T) – code, input and output for runs described in EPA-HQ

presentation as:

    Alt. 1 – MNR
    Alt. 2a – Targeted Remedy (500ppt)
    Alt. 3 – Capping/ Dredging EPA Schedule
    Alt. 4 – Full Dredge EPA Schedule
    Alt. 5 – Capping/ Dredging Realistic Schedule
    Alt. 6 – Full Dredge Realistic Schedule

In addition to the code, inputs and outputs for the trajectories presented to EPA Headquarters, please provide:

The inputs and outputs (HST, Carbon, and CF&T) for the calibration period (1995-2012) that precedes the period used for the trajectories presented to EPA-HQ (even if the sediment contaminant concentrations were reset for the trajectories based on the "2010" bed mapping)
The codes and inputs described in our November 14th meeting as containing improvements made to eliminate the "kludges" included in version used for the EPA-HQ presentation, which were made for expediency back in the Spring of 2013.

Thanks,

Ed